



Nikon SLR Camera Viewfinder Eyepiece Application Reference

Corrective Eyepiece Selection Notes:

- Optional Nikon eyepiece diopters allow you to optimize your SLR viewfinder's sharpness in conjunction with your individual eyesight. Eyepiece diopters are designed for specific camera models and are identified by a plus, a minus or a neutral numeric diopter value.
- Standard eyepieces supplied with Nikon SLR cameras have no corrective value and are for dust protection only. Select eyepieces are supplied with a rubber coating designed to lessen scratching of a photographer's eyeglasses.
- Nikon SLR cameras (without built-in adjustable eyepiece correction) have a base diopter value of minus one. This is why you won't find an accessory Nikon eyepiece diopter valued at minus one. Minus one is considered the optimum *starting point* for the majority of SLR users with *normal* vision. The combination of the camera's viewfinder components and a clear (standard) eyepiece form a virtual image of a subject on the camera's focusing screen that is the approximate equivalent of a viewing distance of one meter.
- Each Nikon eyepiece diopter incorporates a numerical value, represented by a minus value (near-sighted) or a plus value (farsighted) number, enabling you to select the appropriate diopter for your vision and your camera model. **The eyepiece's diopter value is, when combined with the viewfinder's minus one value, the end-result value.** No combination of the camera's base value of minus one and a given accessory diopter's value is required to arrive at the final desired value. In other words, if you require a diopter of plus 3, simply add a plus 3 diopter to your camera.
- Neutral correction eyepieces do not replace the supplied standard eyepiece. The use of a neutral correction eyepiece will change the diopter value of the camera from minus one to zero.
- To determine which Nikon diopter value is best suited for you, visit your ophthalmologist, optometrist or dispensing optician. Ask them to determine *your diopter* from (your corrective prescription) when viewing an object at distance of approximately one meter. Base your selection on this diopter value.
- Some Nikon SLR Cameras have built-in adjustable eyepiece correction. Please check your instruction manual to see if additional threaded Nikon eyepiece diopters can be combined with your camera's built-in diopter control. For cameras with built-in diopter control, use additional Nikon eyepiece diopters only if your vision dictates that optimum viewfinder sharpness cannot be achieved with the built-in diopter adjustment control.

For ↓
D40
D40x
D50
D70/D70s
D80
D90
D100
D200
D300
N55
N60
N65
N70
N75
N80

For ↓	For ↓	For ↓	For ↓	For ↓
D3	D1			
D700	D1H			
D2 x s	D1x			
D2x	D2H/D2HS			
D2H/D2HS	D2x/D2xs	F3HP	FM2	F100
F6	F5	F4	FM3A	N90s
	F6			

Use Eyepiece Product Number							
Eyepiece Values ↑ ↓	Replacement	4754	2404	2926 ²	2925	2927	
	Anti-Fog	4755	2973 ²			2974	
	Neutral 0.0	4758	2950 ²	2950 ²	2930	2960	2940
	-2.0	4759	2953 ²	2953 ²	2935	2965	2945
	-3.0	4760	2954 ²	2954 ²	2936	2966	2946
	-4.0				2937	2967	2947
	-5.0				2938	2968	2948
	+0.5				2931	2961	2941
	+1.0	4757	2951 ²	2951 ²	2932	2962	2942
	+2.0	4756	2952 ²	2952 ²	2933	2963	2943
	+3.0				2934	2964	2944
	Magnifying	4793 ¹	4793 ¹	4793 ¹			25339
	Thread Adapter						2370

¹May partially obscure the viewfinder status display of D2-series, F6, F5, and F4-series cameras. May reduce viewfinder frame coverage on F6, F5, and F4-series cameras, although photographs are unaffected. ²No longer produced, shown for reference purposes only.